

# SEQUENCE LISTING

<110> NI ET AL.

<120> HUMAN ENDOMETRIAL SPECIFIC STEROID-BINDING FACTOR I, II AND III

<130> PF257D3

<140> Unassigend

<141> 2001-11-06

<150> 09/583,169

<151> 2000-05-30

<150> 09/263,810

<151> 1999-03-08

<150> 08/821,451

<151> 1997-03-21

<150> 60/014,724

<151> 1996-03-21

<160> 27

<170> PatentIn version 3.1

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Met Arg Leu Ser

-20

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Val Cys Leu Leu Met Val Ser Leu Ala Leu Cys Cys Tyr Gln Ala His

-15 -10 -5

gct ctt gtc tgc cca gct gtt gct tct gag atc aca gtc ttc tta ttc 150  
Ala Leu Val Cys Pro Ala Val Ala Ser Glu Ile Thr Val Phe Leu Phe  
-1 1 5 10 15  
  
tta agt gac gct gcg gta aac ctc caa gtt gcc aaa ctt aat cca cct 198  
Leu Ser Asp Ala Ala Val Asn Leu Gln Val Ala Lys Leu Asn Pro Pro  
20 25 30  
  
cca gaa gct ctt gca gcc aag ttg gaa gtg aag cac tgc acc gat cag 246  
Pro Glu Ala Leu Ala Ala Lys Leu Glu Val Lys His Cys Thr Asp Gln  
35 40 45  
  
ata tct ttt aag aaa cga ctc tca ttg gaa aaa gtc ctg gtg gaa ata 294  
Ile Ser Phe Lys Lys Arg Leu Ser Leu Glu Lys Val Leu Val Glu Ile  
50 55 60  
  
gtg aaa aaa tgt ggt gtg tgacatgtaa aaatgctcaa cctgggtttcc 342  
Val Lys Lys Cys Gly Val  
65  
  
aaagtctttc aacgacaccc tgatcttcac taaaaattgt aaagggtttca acacgttgct 402  
  
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Tyr Gln Ala His Ala Leu Val Cys Pro Ala Val Ala Ser Glu Ile Thr  
-5 -1 1 5 10  
  
Val Phe Leu Phe Leu Ser Asp Ala Ala Val Asn Leu Gln Val Ala Lys  
15 20 25  
  
Leu Asn Pro Pro Pro Glu Ala Leu Ala Ala Lys Leu Glu Val Lys His  
30 35 40  
  
Cys Thr Asp Gln Ile Ser Phe Lys Lys Arg Leu Ser Leu Glu Lys Val  
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 Cys Leu Leu Leu Val Thr Leu Ala Leu Cys Cys Tyr Gln Ala Asn Ala  
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 gag ttc tgc cca gct ctt gtt tct gag ctg tta gac ttc ttc ttc att 150  
 Glu Phe Cys Pro Ala Leu Val Ser Glu Leu Leu Asp Phe Phe Phe Ile  
 1 5 10 15  
 agt gaa cct ctg ttc aag tta agt ctt gcc aaa ttt gat gcc cct ccg 198  
 Ser Glu Pro Leu Phe Lys Leu Ser Leu Ala Lys Phe Asp Ala Pro Pro  
 20 25 30  
 gaa gct gtt gca gcc aag tta gga gtg aag aga tgc acg gat cag atg 246  
 Glu Ala Val Ala Ala Lys Leu Gly Val Lys Arg Cys Thr Asp Gln Met  
 35 40 45  
 tcc ctt cag aaa cga agc ctc att gcg gaa gtc ctg gtg aaa ata ttg 294  
 Ser Leu Gln Lys Arg Ser Leu Ile Ala Glu Val Leu Val Lys Ile Leu  
 50 55 60  
 aag aaa tgt agt gtg tgacatgtaa aaactttcat cctggtttcc actgtctttc 349  
 Lys Lys Cys Ser Val  
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 aatgacaccc tgatcttcac tgcagaatgt aaaggtttca acgtcttgct ttaataaatc 409  
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Tyr Gln Ala Asn Ala Glu Phe Cys Pro Ala Leu Val Ser Glu Leu Leu  
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Asp Phe Phe Phe Ile Ser Glu Pro Leu Phe Lys Leu Ser Leu Ala Lys  
 15 20 25

Phe Asp Ala Pro Pro Glu Ala Val Ala Ala Lys Leu Gly Val Lys Arg  
 30 35 40

Cys Thr Asp Gln Met Ser Leu Gln Lys Arg Ser Leu Ile Ala Glu Val  
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Leu Val Lys Ile Leu Lys Lys Cys Ser Val  
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atg gtc ctc atg ctg gcg gcc ctc ctc ctg cac tgc tat gca gat tct	105
Met Val Leu Met Leu Ala Ala Leu Leu Leu His Cys Tyr Ala Asp Ser	
-15 -10 -5	
ggc tgc aaa ctc ctg gag gac atg gtt gaa aag acc atc aat tcc gac	153
Gly Cys Lys Leu Leu Glu Asp Met Val Glu Lys Thr Ile Asn Ser Asp	
-1 1 5 10 15	
ata tct ata cct gaa tac aaa gag ctt ctt caa gag ttc ata gac agt	201
Ile Ser Ile Pro Glu Tyr Lys Glu Leu Leu Gln Glu Phe Ile Asp Ser	
20 25 30	
gat gcc gct gca gag gct atg ggg aaa ttc aag cag tgt ttc ctc aac	249
Asp Ala Ala Ala Glu Ala Met Gly Lys Phe Lys Gln Cys Phe Leu Asn	
35 40 45	
cag tca cat aga act ctg aaa aac ttt gga ctg atg atg cat aca gtg	297
Gln Ser His Arg Thr Leu Lys Asn Phe Gly Leu Met Met His Thr Val	
50 55 60	
tac gac agc att tgg tgt aat atg aag agt aat taactttacc caaggcgttt	350
Tyr Asp Ser Ile Trp Cys Asn Met Lys Ser Asn	
65 70	
ggctcagagg gctacagact atggccagaa ctcatctgtt gattgctaga aaccactttc	410
ttcttgtgtt gctttttatg tgggaactgc tagacaactg ttgaaacctc aattcattcc	470
atttca	476

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Tyr Ala Asp Ser Gly Cys Lys Leu Leu Glu Asp Met Val Glu Lys Thr
-5 -1 1 5 10

Ile Asn Ser Asp Ile Ser Ile Pro Glu Tyr Lys Glu Leu Leu Gln Glu
15 20 25

Phe Ile Asp Ser Asp Ala Ala Ala Glu Ala Met Gly Lys Phe Lys Gln
30 35 40

Cys Phe Leu Asn Gln Ser His Arg Thr Leu Lys Asn Phe Gly Leu Met
45 50 55

Met His Thr Val Tyr Asp Ser Ile Trp Cys Asn Met Lys Ser Asn  
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 20 25 30

Ser Phe Leu Met Lys Ser Glu Glu Glu Leu Lys Lys Glu Leu Glu Met  
 35 40 45

Tyr Asn Ala Pro Pro Ala Ala Val Glu Ala Lys Leu Glu Val Lys Arg  
 50 55 60

Cys Val Asp Gln Met Ser Asn Gly Asp Arg Leu Val Val Ala Glu Thr  
 65 70 75 80

Leu Val Tyr Ile Phe Leu Glu Cys Gly Val  
 85 90

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Glu Ala Asn Ala Ser Gln Ile Cys Glu Leu Val Ala His Glu Thr Ile  
 20 25 30

Ser Phe Leu Met Lys Ser Glu Glu Glu Leu Lys Lys Glu Leu Glu Met  
 35 40 45

Tyr Asn Ala Pro Pro Ala Ala Val Glu Ala Lys Leu Glu Val Lys Arg  
 50 55 60

Cys Val Asp Gln Met Ser Asn Gly Asp Arg Leu Val Val Ala Glu Thr  
 65 70 75 80

Leu Val Tyr Ile Phe Leu Glu Cys Gly Val  
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 20 25 30

Thr Ile Asn Ser Thr Val Thr Leu His Asp Tyr Met Lys Leu Val Lys  
 35 40 45

Pro Tyr Val Gln Ala His Phe Thr Glu Lys Ala Val Lys Gln Phe Lys  
 50 55 60

Gln Cys Phe Leu Asp Gln Thr Asp Lys Thr Leu Glu Asn Val Gly Val  
 65 70 75 80

Met Met Glu Ala Ile Phe Asn Ser Glu Ser Cys Gln Gln Pro Ser  
 85 90 95